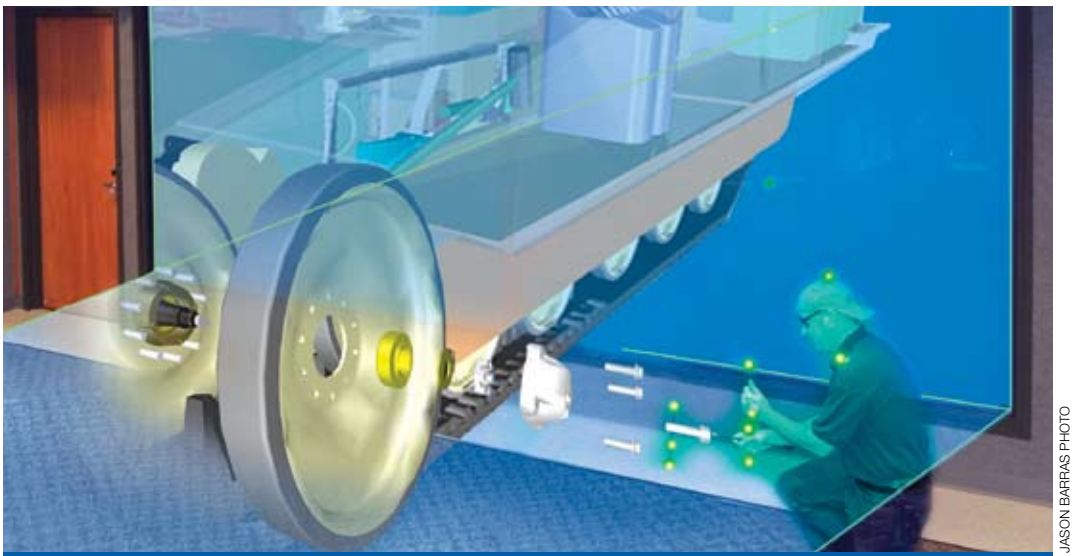
AROUND BOEING

Kirk Postier, 23 Years
Randy Prosise, 21 Years
Michael Pucher, 38 Years
Patricia Ramirez, 30 Years
Harold Redd, 35 Years
Thelma Reilly, 23 Years
Carolina Rodriguez, 25 Years
Jerry Rogerson, 35 Years
Jesse Sanchez, 8 Years
Shirley Saxton, 10 Years
Phillip Scheuring, 21 Years
Michael Schmitt, 24 Years
John Sennikoff, 37 Years
John Seper, 29 Years
Raymond Shibata, 34 Years
Carolyn Smith, 28 Years
Larry Snyder, 21 Years
Emil Stevens, 30 Years
Charles Stump, 23 Years
Dennis Treece, 37 Years
Arun Trikha, 38 Years
Daniel Washburn, 27 Years
Louise Welch, 23 Years
Samuel Wiggins, 11 Years



JASON BARRAS PHOTO

George Tamasi, Boeing Design Visualization Technology specialist, explains how new capabilities of the Virtual Integration Center will appear to those using it. A full motion-capture system allows the analyst to interact with the models being investigated.

Mark Stinson, precision bench assembler; service date Jan. 21, 1981; died Dec. 8

John Townsend, quality engineer; service date May 1, 1972; died Dec. 2

Vicki Ursery, workforce specialist; service date Jan. 6, 1971; died Nov. 21

Irwin Vas, manager; service date Jan. 26, 1987; died Nov. 8

John Watson, coordinator; service date March 15, 1976; died Nov. 18

Patricia Werner, writer/editor; service date Sept. 24, 2007; died Nov. 21

Daniel Wybrant, courseware service consultant; service date Feb. 26, 2007; died Dec. 24

Jeffrey Zelna, project engineer; service date Dec. 9, 1990; died Nov. 15

MODELING, SIMULATION & ANALYSIS CENTER GOES VIRTUAL

With its recently completed $1.5 million computer-aided virtual-environment addition, the Modeling Simulation & Analysis Center at Rotorcraft Systems in Philadelphia now provides 3-D stereo viewing and motion-capture capability.

Opened in Philadelphia in 2005, the MSAC provides military customers with a state-of-the-art simulation environment supporting design and product-integration decisions. MSAC also offers the latest modeling and integration capabilities for Boeing programs, including the U.S. Army Future Combat Systems (FCS).

MSAC features a high-bay area capable of housing aircraft, vehicles and equipment, connecting the equipment to the viewing portal, simulations and enterprise, defense, and industry networks. MSAC also features dome simulators, exercise gaming and simulation, control and briefing rooms, and various internal laboratories.

All these features are linked together through a common communications area. A viewing portal capable of seating up to 50 supports engineering and testing interactions with several Boeing centers and the FCS Defense Research Engineering Network, a national government network providing simulation, integration and interaction capabilities.

The new addition, known as the Virtual Integration Center (VIC), "expands the MSAC's virtual capabilities into new areas and provides another dimension of integration and support to our customers and partners," said John Durkin, FCS engineer. "Now we can conduct real-time 3-D collaborative engineering in a virtual environment."

With this capability, engineers and customers in Philadelphia can observe and participate in virtual design reviews in Long Beach, Calif., or at partner locations in Minnesota and Detroit, while immersing engineers and customers in the 3-D design, Durkin said. Results can be sent to distributed network locations.

This new capability allows soldiers, equipped with instrumented motion-capture systems, to interact with 3-D models and perform maintenance tasks and procedures on virtual vehicles, providing early insights into areas of concern.

"VIC enables us to review all aspects of the design, engineering, human factors and supportability early in the program, before manufacturing. It allows us, our industry partners and military customers to host or participate in simultaneous integration reviews and exercises throughout the United States," Durkin said. "We're excited about the possibilities that the MSAC and new VIC provide, and this is just the beginning—the first step."

—Donna McGinley